

| | Type | Ref # | Hits | Search Text |
|----|------|-------|---------|----------------------------|
| 1 | BRS | S6 | 6 | S5 and 422/33 |
| 2 | BRS | S4 | 22762 | S3 and device |
| 3 | BRS | S5 | 10150 | S4 and @py<"2004" |
| 4 | BRS | S2 | 421841 | S1 and dioxide |
| 5 | BRS | S3 | 55184 | S2 and administration |
| 6 | BRS | S7 | 36066 | S2 and therapy |
| 7 | BRS | S1 | 1767841 | carbon |
| 8 | BRS | S8 | 18664 | S7 and skin |
| 9 | BRS | S9 | 3221 | S8 and cosmetic |
| 10 | BRS | S11 | 12990 | S10 and chamber |
| 11 | BRS | S10 | 49434 | S2 and (skin rejuvenation) |
| 12 | BRS | S12 | 22256 | S10 and @py<"2003" |
| 13 | BRS | S13 | 5005 | S12 and chamber |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--|-------------------|-----------------|-------------------------|
| 1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 12:36 | | |
| 2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:47 | | |
| 3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:48 | | |
| 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:48 | | |
| 5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:46 | | |
| 6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:50 | | |
| 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:46 | | |
| 8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:51 | | |
| 9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:53 | | |
| 10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:58 | | |
| 11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:56 | | |
| 12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 15:56 | | |
| 13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:07 | | |

| | Errors |
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| | Type | Ref # | Hits | Search Text |
|----|------|-------|--------|---|
| 14 | BRS | S20 | 26 | S19 and thickener |
| 15 | BRS | S18 | 711 | S17 and indicator |
| 16 | BRS | S22 | 231 | S21 and skin rejuvenation |
| 17 | BRS | S21 | 421841 | carbon dioxide |
| 18 | BRS | S17 | 711 | S15 and (carbon dioxide indicator) |
| 19 | BRS | S16 | 711 | S15 and carbon dioxide indicator |
| 20 | BRS | S14 | 5005 | S13 and (Carbon dioxide amount indicator) |
| 21 | BRS | S15 | 711 | S13 and (Carbon dioxide amount indicator) |
| 22 | BRS | S19 | 286 | S18 and absorption |
| 23 | BRS | S23 | 76 | S22 and @py<"2003" |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--|-------------------|-----------------|-------------------------|
| 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:55 | | |
| 15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:48 | | |
| 16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:56 | | |
| 17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:56 | | |
| 18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:48 | | |
| 19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:08 | | |
| 20 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:07 | | |
| 21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:08 | | |
| 22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/26 16:49 | | |
| 23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/27 08:37 | | |

| | Errors |
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| | Type | Ref # | Hits | Search Text |
|----|------|-------|------|--|
| 24 | BRS | S25 | 97 | ("20050254993" "4435644" "6294536" "6414139" "6461586" "20060150988" "4940578" "4995888" "5204087" "5309921" "5438056" "5522813" "5634426" "5800360" "6083490" "6164632" "6250132" "6261679" "6272905" "6274870" "6287743" "6291472" "6305212" "6344505" "6375931" "6376674" "6409198" "6416624" "6420567" "6432994" "6444985" "6455852" "6458805" "6475500" "6475713" "6654622" "20010016732" "20040130053" "20060234033" "20060257504" "20070141017" "6265423" "6300334" "6320047" "6333330" "6342602" "6353004" "6369074" "6375992" "6376506").pn. |
| 25 | BRS | S24 | 0 | ("20050254993" "4435644" "6294536" "6414139" "6461586" "20060150988" "4940578" "4995888" "5204087" "5309921" "5438056" "5522813" "5634426" "5800360" "6083490" "6164632" "6250132" "6261679" "6272905" "6274870" "6287743" "6291472" "6305212" "6344505" "6375931" "6376674" "6409198" "6416624" "6420567" "6432994" "6444985" "6455852" "6458805" "6475500" "6475713" "6654622" "20010016732" "20040130053" "20060234033" "20060257504" "20070141017" "6265423" "6300334" "6320047" "6333330" "6342602" "6353004" "6369074" "6375992" "6376506").pn. |
| 26 | IS&R | S28 | 2 | ("6689339").PN. |
| 27 | IS&R | S26 | 1 | ("5722942").PN. |
| 28 | IS&R | S27 | 0 | ("6689339.pn.").PN. |
| 29 | BRS | S32 | 1 | "10/499985" |
| 30 | IS&R | S29 | 0 | (10/474215).CCLS. |
| 31 | BRS | S30 | 1 | 10/474215 |
| 32 | BRS | S31 | 0 | "10499985" |
| 33 | BRS | S33 | 1 | 10/520100 |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--|-------------------|-----------------|-------------------------|
| 24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/27 08:37 | | |
| 25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/27 08:37 | | |
| 26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/27 13:18 | | |
| 27 | US-PGPUB; USPAT | 2007/09/27 13:09 | | |
| 28 | US-PGPUB; USPAT | 2007/09/27 13:09 | | |
| 29 | US-PGPUB; USPAT | 2007/09/27 13:27 | | |
| 30 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/27 13:18 | | |
| 31 | US-PGPUB; USPAT | 2007/09/27 13:20 | | |
| 32 | US-PGPUB; USPAT | 2007/09/27 13:24 | | |
| 33 | US-PGPUB; USPAT | 2007/09/27 13:28 | | |

| | Errors |
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|----|------|-------|---------|----------------------------|
| 34 | BRS | S34 | 7 | nishino kayo |
| 35 | IS&R | S35 | 1 | ("6060020").PN. |
| 36 | BRS | S39 | 23449 | S38 and indicator |
| 37 | BRS | S37 | 1768911 | carbon |
| 38 | IS&R | S36 | 0 | ("carbon").PN. |
| 39 | BRS | S38 | 422216 | S37 and dioxide |
| 40 | BRS | S40 | 6416 | S39 and expand\$5 |
| 41 | BRS | S41 | 720 | S40 and enclosure |
| 42 | BRS | S42 | 2109 | S40 and @py<"2003" |
| 43 | BRS | S43 | 229 | S41 and @py<"2003" |
| 44 | BRS | S48 | 1768 | S46 and enclosure |
| 45 | BRS | S53 | 12823 | S52 and @py<"2003" |
| 46 | BRS | S47 | 324086 | enclosure |
| 47 | BRS | S51 | 2549626 | (carbon dioxide indicator) |
| 48 | BRS | S45 | 422216 | S44 and dioxide |
| 49 | BRS | S52 | 26049 | (carbon dioxide indicator) |
| 50 | BRS | S46 | 26049 | S45 and indicator |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--|-------------------|-----------------|-------------------------|
| 34 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/27 17:16 | | |
| 35 | US-PGPUB; USPAT | 2007/09/27 20:17 | | |
| 36 | US-PGPUB; USPAT | 2007/09/28 10:50 | | |
| 37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 10:49 | | |
| 38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 10:49 | | |
| 39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 10:49 | | |
| 40 | US-PGPUB; USPAT | 2007/09/28 10:50 | | |
| 41 | US-PGPUB; USPAT | 2007/09/28 10:51 | | |
| 42 | US-PGPUB; USPAT | 2007/09/28 10:51 | | |
| 43 | US-PGPUB; USPAT | 2007/09/28 10:52 | | |
| 44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:49 | | |
| 45 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:53 | | |
| 46 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:49 | | |
| 47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:51 | | |
| 48 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:49 | | |
| 49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:51 | | |
| 50 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:49 | | |

| | Errors |
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| | Type | Ref # | Hits | Search Text |
|----|------|-------|---------|-----------------------|
| 51 | BRS | S50 | 25 | S49 and @py<"2003" |
| 52 | BRS | S49 | 184 | S48 and expandable |
| 53 | BRS | S44 | 1768911 | carbon |
| 54 | IS&R | S56 | 2 | ("6270081").PN. |
| 55 | IS&R | S58 | 0 | ("62700811.pn.").PN. |
| 56 | IS&R | S54 | 0 | ("6,228,378.pn.").PN. |
| 57 | IS&R | S55 | 2 | ("6,228,378").PN. |
| 58 | IS&R | S59 | 2 | ("6270811").PN. |
| 59 | IS&R | S57 | 0 | ("62700811").PN. |
| 60 | IS&R | S60 | 0 | ("7-171189").PN. |
| 61 | BRS | S61 | 0 | nishino and kayo |
| 62 | BRS | S63 | 7 | S62 and nishino |
| 63 | BRS | S62 | 884 | kayo.in. |
| 64 | BRS | S64 | 1769473 | carbon |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--|------------------|----------|------------------|
| 51 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:51 | | |
| 52 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:50 | | |
| 53 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/09/28 15:49 | | |
| 54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 13:11 | | |
| 55 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 13:11 | | |
| 56 | US-PGPUB; USPAT | 2007/10/01 12:36 | | |
| 57 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 12:38 | | |
| 58 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 14:31 | | |
| 59 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 13:11 | | |
| 60 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 14:32 | | |
| 61 | US-PGPUB; USPAT | 2007/10/01 14:32 | | |
| 62 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 14:32 | | |
| 63 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 14:32 | | |
| 64 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 17:35 | | |

| | Errors |
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| 51 | |
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| | Type | Ref # | Hits | Search Text |
|----|------|-------|---------|-----------------------------------|
| 65 | BRS | S65 | 422368 | S64 and dioxide |
| 66 | BRS | S66 | 26050 | S65 and indicator |
| 67 | BRS | S70 | 506913 | S65 balloon |
| 68 | BRS | S73 | 860 | S72 and @py < "2003" |
| 69 | BRS | S68 | 378 | S67 and expanding |
| 70 | BRS | S71 | 23193 | S70 and inflatable |
| 71 | BRS | S67 | 1763 | S66 and balloon |
| 72 | BRS | S72 | 2027 | S71 and indicator |
| 73 | BRS | S69 | 63 | S68 and @py<"2003" |
| 74 | BRS | S74 | 1769929 | carbon |
| 75 | BRS | S75 | 422521 | S74 and dioxide |
| 76 | BRS | S78 | 707 | S77 and elastic sealing enclosure |
| 77 | BRS | S76 | 1769929 | carbon |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--|-------------------|-----------------|-------------------------|
| 65 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 17:35 | | |
| 66 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 17:38 | | |
| 67 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 17:58 | | |
| 68 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 08:59 | | |
| 69 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 17:39 | | |
| 70 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 17:58 | | |
| 71 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 17:38 | | |
| 72 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 17:58 | | |
| 73 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/01 17:57 | | |
| 74 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 09:00 | | |
| 75 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 09:00 | | |
| 76 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 09:13 | | |
| 77 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 09:11 | | |

| | Errors |
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| | Type | Ref # | Hits | Search Text |
|----|------|-------|---------|---|
| 78 | BRS | S77 | 422521 | S76 and dioxide |
| 79 | IS&R | S83 | 0 | ("JP2003-073253").PN. |
| 80 | BRS | S79 | 330 | S78 and @py<"2003" |
| 81 | IS&R | S84 | 0 | ("JP2000-319187").PN. |
| 82 | IS&R | S81 | 2 | ("4,781,645").PN. |
| 83 | IS&R | S82 | 0 | ("JP2003-073253").PN. |
| 84 | IS&R | S80 | 0 | ("4781645.pn.").PN. |
| 85 | IS&R | S86 | 0 | ("s65andcalcium").PN. |
| 86 | IS&R | S87 | 0 | ("s000065").PN. |
| 87 | IS&R | S85 | 0 | ("s65and(calciumalginatethydrogel)").PN. |
| 88 | BRS | S90 | 120627 | S89 and (calcium alginate hydrogel) |
| 89 | BRS | S88 | 1771173 | carbon |
| 90 | BRS | S89 | 422958 | S88 and dioxide |
| 91 | BRS | S91 | 65267 | S90 and @py<"2003" |
| 92 | BRS | S93 | 3 | S91 and (calcium near alginate near hydrogel) |
| 93 | BRS | S92 | 545 | S91 and (calcium alginate hydrogel) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|--|------------------|----------|------------------|
| 78 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 09:11 | | |
| 79 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 16:11 | | |
| 80 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 10:34 | | |
| 81 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 16:12 | | |
| 82 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 10:35 | | |
| 83 | US-PGPUB; USPAT | 2007/10/02 16:11 | | |
| 84 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/02 10:35 | | |
| 85 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/04 10:25 | | |
| 86 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/04 10:25 | | |
| 87 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/04 10:24 | | |
| 88 | US-PGPUB; USPAT | 2007/10/04 10:25 | | |
| 89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/04 10:25 | | |
| 90 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | 2007/10/04 10:25 | | |
| 91 | US-PGPUB; USPAT | 2007/10/04 11:27 | | |
| 92 | US-PGPUB; USPAT | 2007/10/04 11:33 | | |
| 93 | US-PGPUB; USPAT | 2007/10/04 11:32 | | |

| | Errors |
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10519941_CLSTITLES1.txt

Titles of most frequently occurring classifications of patents returned from a search of 10519941 on Sep 26 , 2007

3 73/23.2 (2 OR, 1 XR)
Class 73 MEASURING AND TESTING
73/23.2 .GAS ANALYSIS

3 250/339.13 (3 OR, 0 XR)
Class 250 RADIANT ENERGY
250/336.1 .INVISIBLE RADIANT ENERGY RESPONSIVE ELECTRIC SIGNALLING
250/338.1 ..Infrared responsive
250/339.01 ...with selection of plural discrete wavelengths or bands
250/339.06with radiation source
250/339.12Using sample absorption for chemical composition
analysis 250/339.13with gaseous sample

2 424/9.52 (1 OR, 1 XR)
Class 424 DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
424/9.1 .IN VIVO DIAGNOSIS OR IN VIVO TESTING
424/9.5 ..Ultrasound contrast agent
424/9.52 ...Stable gas bubbles containing or intentional solubilized
gas containing

2 600/532 (2 OR, 0 XR)
Class 600 SURGERY
600/300 .DIAGNOSTIC TESTING
600/529 ..Respiratory
600/532 ...Qualitative or quantitative analysis of breath component

2 514/320 (0 OR, 2 XR)
Class 514 DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
514/1 .DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAINING (DOAI)
514/183 ..Heterocyclic carbon compounds containing a hetero ring
having chalcogen (i.e., O,S,Se or Te) or nitrogen as the only ring hetero atoms DOAI
514/277 ...Hetero ring is six-membered consisting of one nitrogen
and five carbon atoms
514/315Piperidines
514/317Additional ring containing
514/319The additional ring is one of the cyclos in a
polycyclo ring system
514/320Hetero ring in the polycyclo ring system

2 514/324 (0 OR, 2 XR)
Class 514 DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
514/1 .DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAINING (DOAI)
514/183 ..Heterocyclic carbon compounds containing a hetero ring
having chalcogen (i.e., O,S,Se or Te) or nitrogen as the only ring hetero atoms DOAI
514/277 ...Hetero ring is six-membered consisting of one nitrogen
and five carbon atoms
514/315Piperidines
514/317Additional ring containing
514/319The additional ring is one of the cyclos in a
polycyclo ring system
514/320Hetero ring in the polycyclo ring system
514/324Ring sulfur in the polycyclo ring system

2 514/438 (0 OR, 2 XR)
Class 514 DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
514/1 .DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAINING (DOAI)
514/183 ..Heterocyclic carbon compounds containing a hetero ring
having chalcogen (i.e., O,S,Se or Te) or nitrogen as the only ring hetero atoms DOAI

514/430 ...Sulfur containing hetero ring
 514/438The hetero ring is five-membered

2 606/2 (2 OR, 0 XR)

Class 606 SURGERY
 606/1 .INSTRUMENTS
 606/2 ..Light application

2 606/9 (0 OR, 2 XR)

Class 606 SURGERY
 606/1 .INSTRUMENTS
 606/2 ..Light application
 606/9 ...Dermatological

2 424/401 (1 OR, 1 XR)

Class 424 DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
 424/400 .PREPARATIONS CHARACTERIZED BY SPECIAL PHYSICAL FORM
 424/401 ..Cosmetic, antiperspirant, dentifrice

2 422/82 (0 OR, 2 XR)

Class 422 CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING,
 PRESERVING, OR STERILIZING
 422/50 .ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE LABORATORY
 DEVICE
 422/68.1 ..Means for analyzing liquid or solid sample
 means 422/81 ...Automated system with sample fluid pressure transport
 422/82And means segmenting fluid material

2 73/53.01 (1 OR, 1 XR)

Class 73 MEASURING AND TESTING
 73/53.01 .LIQUID ANALYSIS OR ANALYSIS OF THE SUSPENSION OF SOLIDS IN
 A LIQUID

2 347/105 (0 OR, 2 XR)

Class 347 INCREMENTAL PRINTING OF SYMBOLIC INFORMATION
 347/1 .INK JET
 347/101 ..Medium and processing means
 347/105 ...Receiving medium

2 430/533 (0 OR, 2 XR)

Class 430 RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR
 PRODUCT THEREOF
 430/495.1 .RADIATION SENSITIVE PRODUCT
 430/523 ..Identified backing or protective layer containing
 430/531 ...Synthetic resin or cellulose derivative containing
 430/533Polyester or polycarbonate

2 430/536 (0 OR, 2 XR)

Class 430 RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR
 PRODUCT THEREOF
 430/495.1 .RADIATION SENSITIVE PRODUCT
 430/523 ..Identified backing or protective layer containing
 430/531 ...Synthetic resin or cellulose derivative containing
 430/536Polymer of unsaturated monomer

2 548/245 (1 OR, 1 XR)

Class 548 ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES
 548/100**2 .ORGANIC COMPOUNDS (Class 532, Subclass 1)
 548/100**1 ..HETEROCYCLIC CARBON COMPOUNDS CONTAINING A HETERO RING
 HAVING CHALCOGEN (I.E., OXYGEN, SULFUR, SELENIUM, OR TELLURIUM) OR NITROGEN AS THE
 ONLY RING HETERO ATOMS (Class 540, subclass 1)
 548/100 ...Hetero ring is five-membered having two or more ring

hetero atoms of which at least one is nitrogen (e.g., selenazoles, etc.)
 548/2401,2-oxazoles (including hydrogenated)
 548/245Nitrogen bonded directly to ring carbon of the oxazole
 ring

2 548/247 (0 OR, 2 XR)
 Class 548 ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES
 548/100**2 .ORGANIC COMPOUNDS (Class 532, Subclass 1)
 548/100**1 ..HETEROCYCLIC CARBON COMPOUNDS CONTAINING A HETERO RING
 HAVING CHALCOGEN (I.E., OXYGEN, SULFUR, SELENIUM, OR TELLURIUM) OR NITROGEN AS THE
 ONLY RING HETERO ATOMS (Class 540, subclass 1)
 548/100 ...Hetero ring is five-membered having two or more ring
 hetero atoms of which at least one is nitrogen (e.g., selenazoles, etc.)
 548/2401,2-oxazoles (including hydrogenated)
 548/247Plural double bonds between ring members of the oxazole
 ring

2 514/314 (0 OR, 2 XR)
 Class 514 DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
 514/1 .DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAINING (DOAI)
 514/183 ..Heterocyclic carbon compounds containing a hetero ring
 having chalcogen (i.e., O,S,Se or Te) or nitrogen as the only ring hetero atoms DOAI
 514/277 ...Hetero ring is six-membered consisting of one nitrogen
 and five carbon atoms
 514/279Polycyclo ring system having the six-membered hetero
 ring as one of the cyclos
 514/299Bicyclo ring system having the six-membered hetero ring
 as one of the cyclos
 514/311Quinolines (including hydrogenated)
 514/314Additional hetero ring attached directly or
 indirectly to the quinoline ring system by nonionic bonding

2 544/238 (2 OR, 0 XR)
 Class 544 ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES
 544/1**2 .ORGANIC COMPOUNDS (Class 532, subclass 1)
 544/1**1 ..HETEROCYCLIC CARBON COMPOUNDS CONTAINING A HETERO RING
 HAVING CHALCOGEN (I.E., OXYGEN, SULFUR, SELENIUM, OR TELLURIUM) OR NITROGEN AS THE
 ONLY RING HETERO ATOMS (Class 540, subclass 1)
 544/1 ...Hetero ring is six-membered having two or more ring
 hetero atoms of which at least one is nitrogen (e.g., selenazines, etc.)
 544/224 ...The six-membered hetero ring consists of two nitrogens
 and four carbons (e.g., 1,2-diazines, etc.)
 544/2381,2-diazines which contain an additional hetero ring

2 544/333 (0 OR, 2 XR)
 Class 544 ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES
 544/1**2 .ORGANIC COMPOUNDS (Class 532, subclass 1)
 544/1**1 ..HETEROCYCLIC CARBON COMPOUNDS CONTAINING A HETERO RING
 HAVING CHALCOGEN (I.E., OXYGEN, SULFUR, SELENIUM, OR TELLURIUM) OR NITROGEN AS THE
 ONLY RING HETERO ATOMS (Class 540, subclass 1)
 544/1 ...Hetero ring is six-membered having two or more ring
 hetero atoms of which at least one is nitrogen (e.g., selenazines, etc.)
 544/224 ...The six-membered hetero ring consists of two nitrogens
 and four carbons (e.g., 1,2-diazines, etc.)
 544/2421,3-diazines
 544/333Additional hetero ring which is unsaturated

Most frequently occurring classifications of patents returned
from a search of 10519941 on Sep 26 , 2007

Original Classifications

3 250/339.13
2 600/532
2 606/2
2 73/23.2
2 544/238

Cross-Reference Classifications

2 514/320
2 514/324
2 514/438
2 606/9
2 422/82
2 347/105
2 430/533
2 430/536
2 548/247
2 514/314
2 544/333

Combined Classifications

3 73/23.2
3 250/339.13
2 424/9.52
2 600/532
2 514/320
2 514/324
2 514/438
2 606/2
2 606/9
2 424/401
2 422/82
2 73/53.01
2 347/105
2 430/533
2 430/536
2 548/245
2 548/247
2 514/314
2 544/238
2 544/333

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